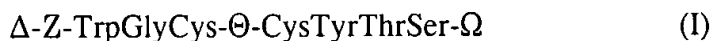




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ABSTRACT

Synthetic peptides of the monomer type with 13 to 33 amino acids, in linear form or in a form cyclized by means of inter-cysteine disulphide bridges, have the general formula (I):



wherein Δ is a biotinyl radical, a biocytinyl radical, a hydrogen atom, an acetyl ($\text{CH}_3\text{CO-}$) radical, an aliphatic chain which may contain one or two thiol, an aldehyde functional group, or an amine functional group, Z represents peptide sequence $-\Xi_1\text{-Ser-}\Xi_2\text{-}$, $-\Xi_1\text{-Gln-}\Xi_2\text{-}$, or $-\Xi_1\text{-Asn-}\Xi_2\text{-}$, wherein $-\Xi_1$ represents a peptide sequence of 0 to 9 amino acids and $-\Xi_2$ represents a peptide sequence of 0 to 5 amino acids, Θ is -Arg Gly Arg Leu Ile- (SEQ ID NO: 15), -Arg Gly Arg Leu Val- (SEQ ID NO: 16), -Arg Gly Lys Leu Ile- (SEQ ID NO: 17), -Arg Gly Lys Leu Val- (SEQ ID NO: 18), -Lys Gly Arg Leu Ile- (SEQ ID NO: 19), or -Lys Gly Arg Leu Val- (SEQ ID NO: 20), Ω , attached to the -CO- group of serine, is a hydroxyl (-OH) radical, an amino (-NH₂) radical, an alkoxy radical having 1 to 6 carbon atoms, a peptide sequence of formula Val- Σ - Ψ wherein Σ represents a sequence of formula $-(\text{AA}_1)\text{-Trp Asn-}(\text{AA}_2)\text{-(AA}_3)$ wherein (AA_1) represents an amino acid different from lysine, (AA_2) represents an amino acid, and (AA_3) is serine or a threonine residue, and Ψ , attached to the -CO- residue of the free AA_3 amino acid, is OH, NH₂, or an alkoxy radical having from 1 to 6 carbon atoms, and a peptide sequence of formula -Val- Ψ wherein Ψ , attached to the -CO- residue of valine, is OH, NH₂, or an alkoxy radical having from 1 to 6 carbon atoms.